

## **LUBE M - SAE 5W-30**

100% synthetic "Mid SAPS" oil for gasoline and diesel engines.

## **USES**

Specifically developed for MERCEDES passenger cars and light commercial vehicles which require MB-Approval 229.52/MB 229.51 oil. This oil is suitable for most MERCEDES diesel engines and certain types of gasoline engines.

LUBE M - SAE 5W-30 also meets ACEA C3, ACEA C2, API SN and

GM-OPEL dexos2™ specifications.

This fuel economy oil is suitable for a wide range of uses in diesel and gasoline engines from various manufacturers which meet one of the specifications below.

## **Approvals:**

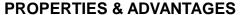
## **Specifications:**

MB-Approval 229.52 & 229.51 ACEA C3 & ACEA C2; API SN (MB-Approval 229.51 exceeds MB 229.31) GM-Opel dexos $2^{TM}$ 



-	Methods	Units	5W-30
Density at 20°C	ASTM D4052	kg/m³	849
Kinematic viscosity at 40°C	ASTM D445	mm²/s	70
Kinematic viscosity at 100°C	ASTM D445	mm²/s	12
Viscosity index	ASTM D2270		169
Pour point	ASTM D97	°C	-45
Cleveland Open Cup Flash Point	ASTM D92	°C	222
Dynamic viscosity at -30°C	ASTM D5293	mPa⋅s	5300
HTHS viscosity (150°C)	CEC L-036-90	mPa⋅s	3.51
Sulphated ash	ASTM D874	% mass	0.76
Total Base Number (TBN)	ASTM D2896	mgKOH/g	7.2

The data given in this table represents typical production values and should not be taken as specifications.



- ▶ "Mid SAPS" formula containing lower levels of sulphated ash, phosphorous and sulphur extends the service life of particulate filters and catalytic converter systems.
- ► The ACEA C2 specification helps reduce fuel consumption and pollutant emissions, particularly CO<sub>2</sub>
- ► High viscosity at high temperatures provides excellent engine protection.
- ► High detergent/dispersant properties ensure a clean engine and mean deposits can be easily removed during oil changes.
- ► Increased protection against wear and corrosion.
- ► Allows for safe extended oil change intervals.











